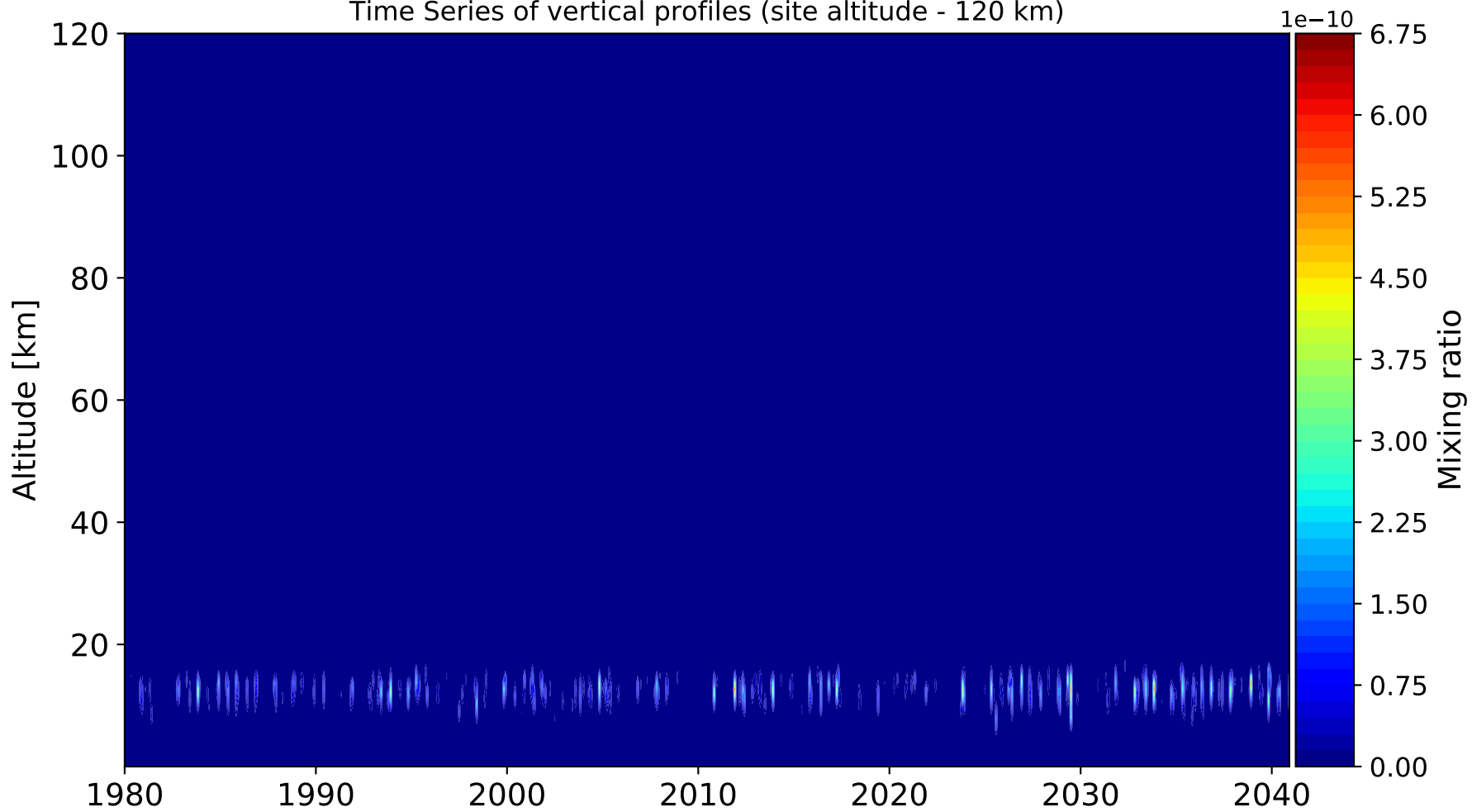
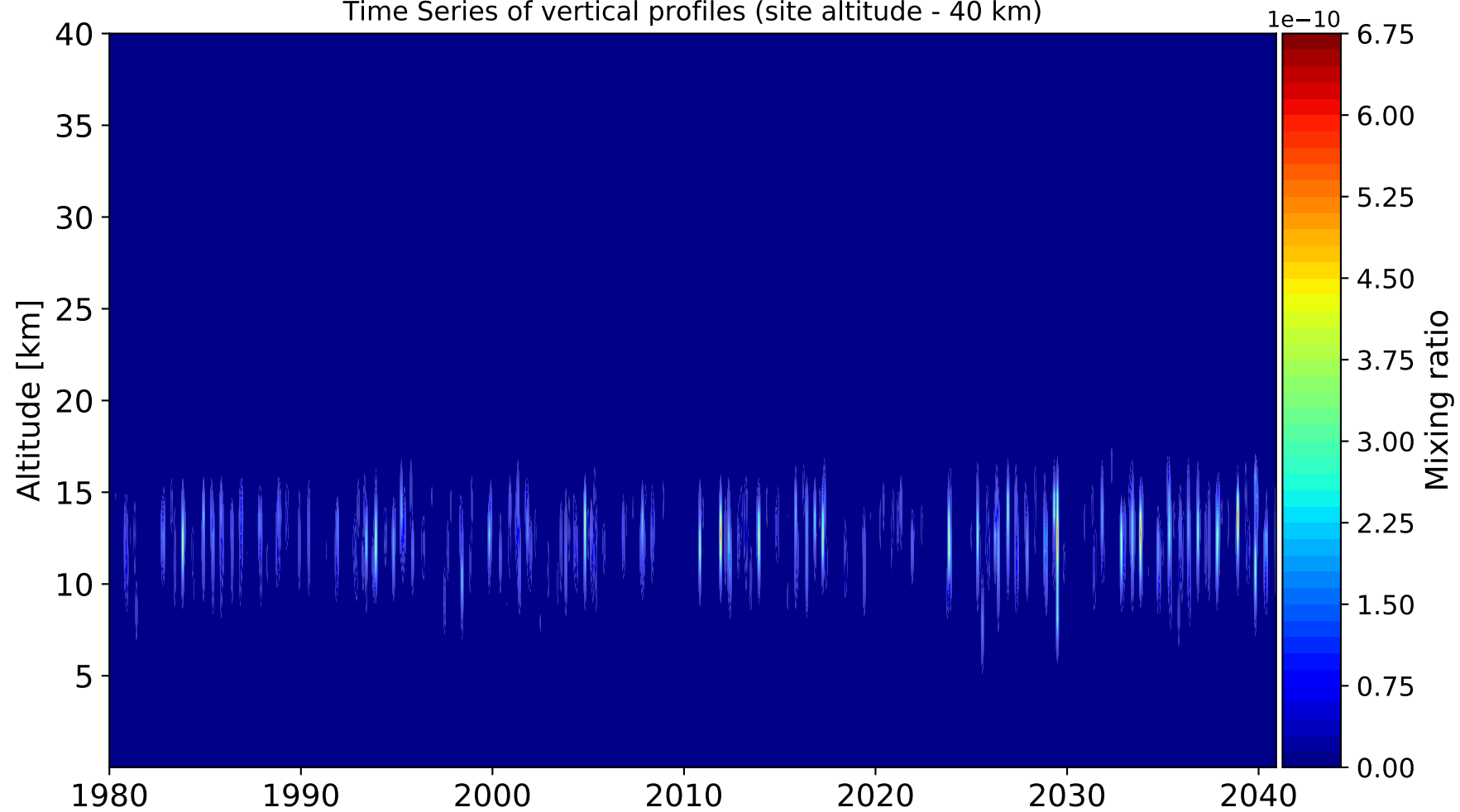


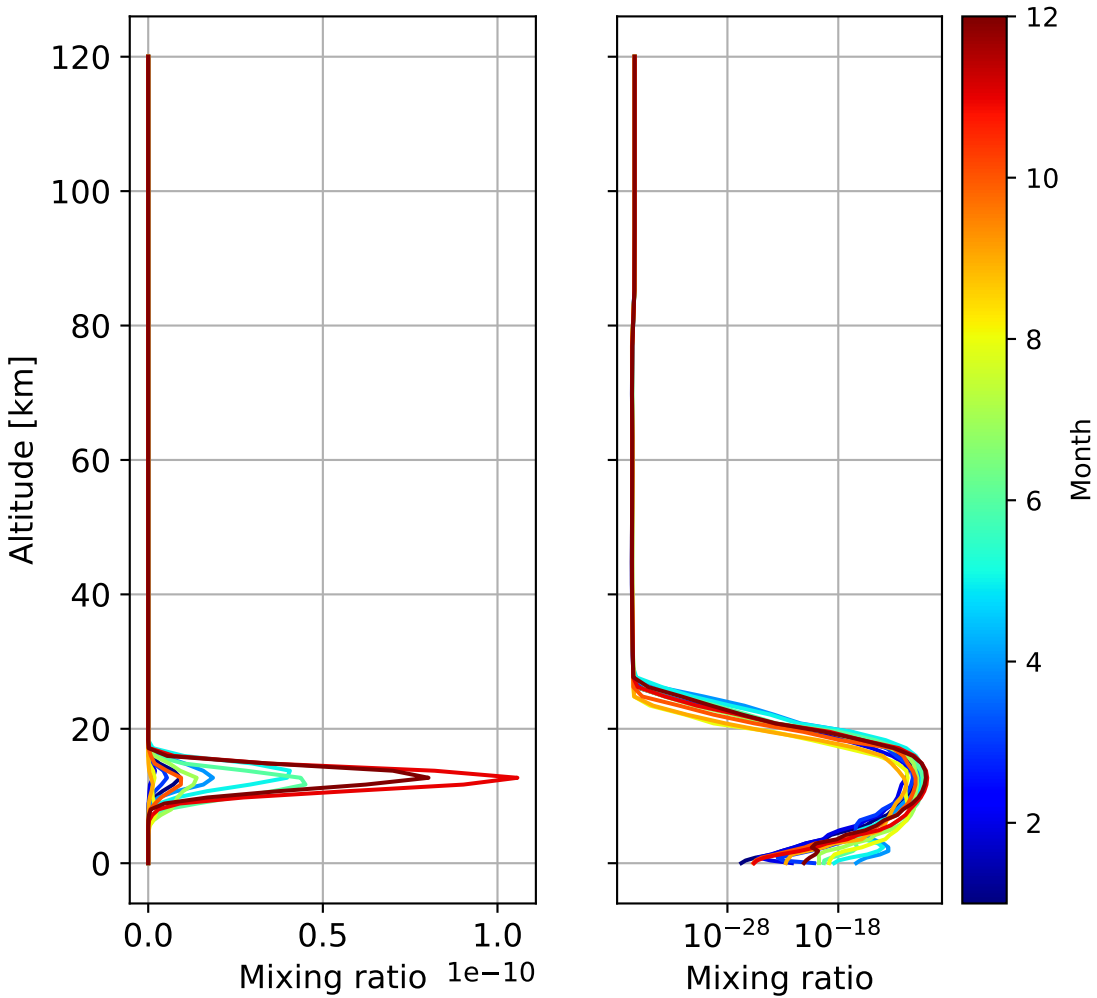
Time Series of vertical profiles (site altitude - 120 km)



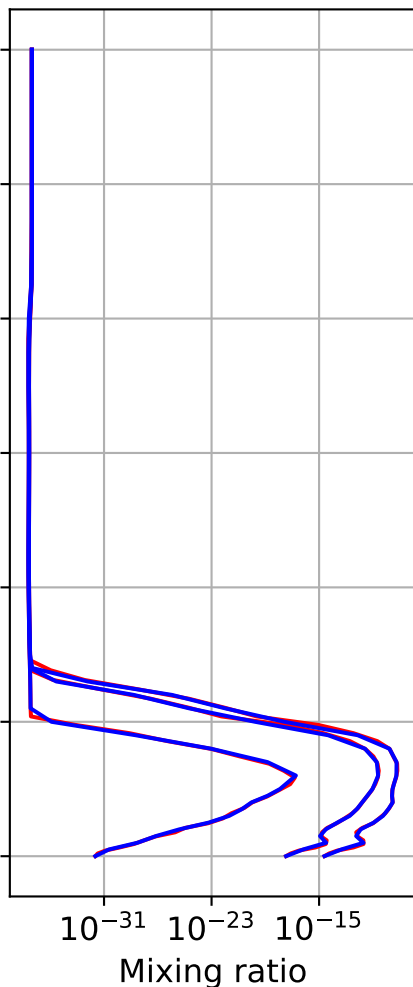
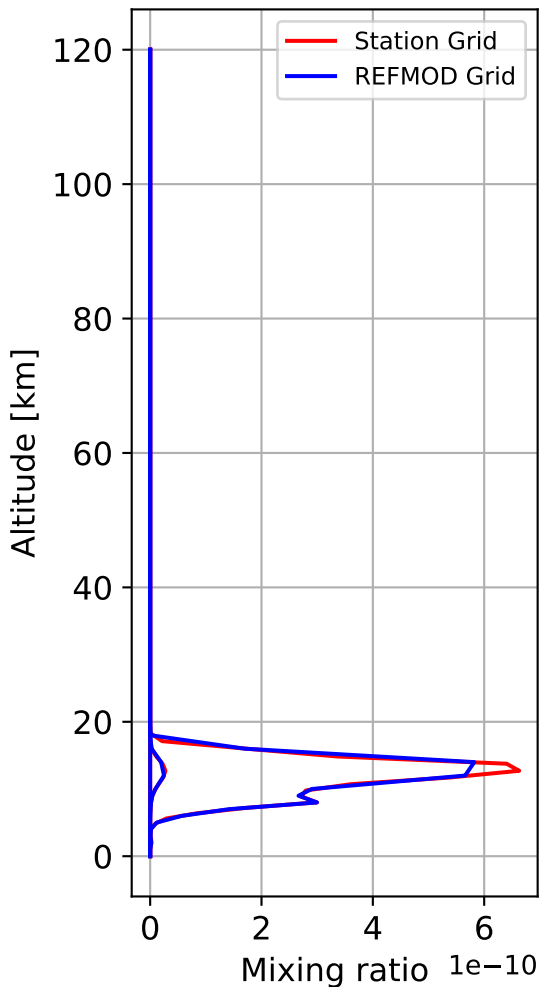
Time Series of vertical profiles (site altitude - 40 km)



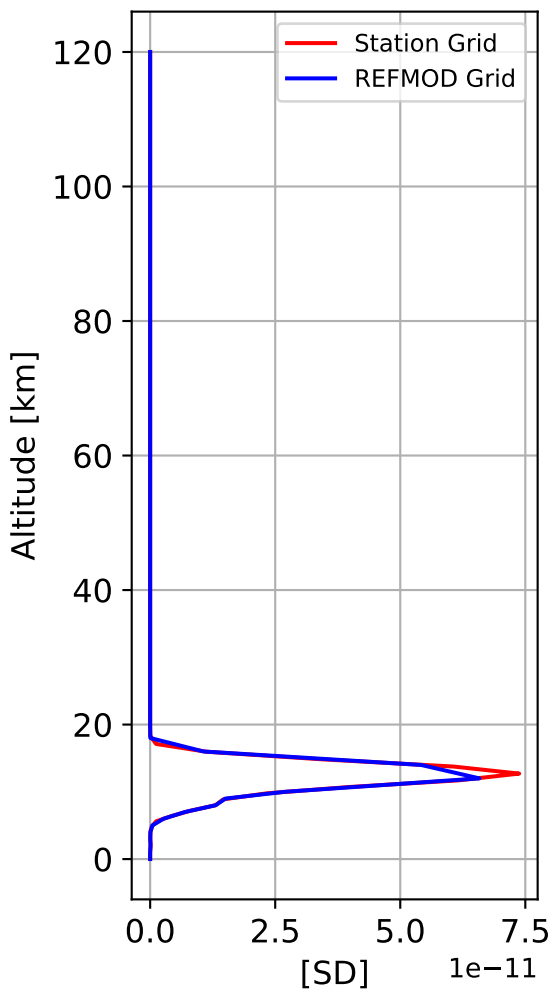
Monthly mean WACCM profile (interpolated to station grid)  
Ascension, -7.9165N, 345.6675E, 0.01kmasl



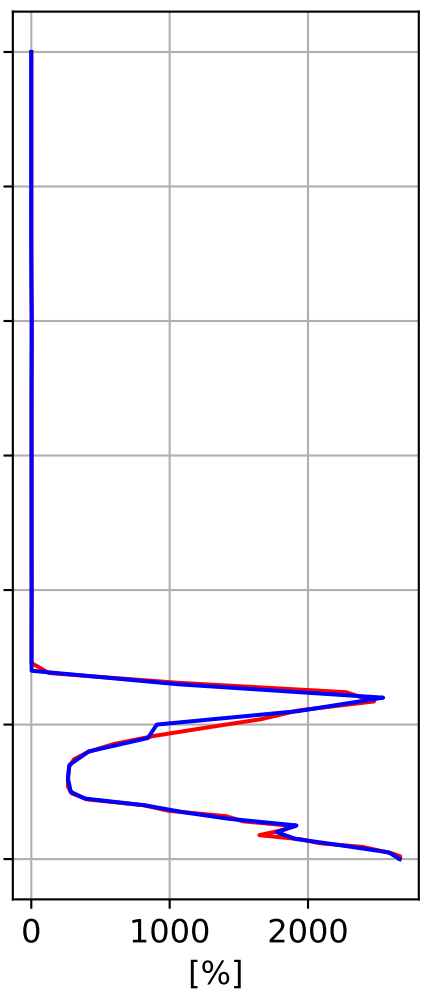
Min, Max, Mean of 732 profiles  
Ascension, -7.9165N, 345.6675E, 0.01kmasl



### Std. Deviation



### Percent Deviation



Level covariance matrix

1e-21

Altitude [km]

120

100

80

60

40

20

Altitude [km]

Mixing ratio[ $\sim 2$ ]

5.4

4.8

4.2

3.6

3.0

2.4

1.8

1.2

0.6

0.0

